

***Cordulegaster obliqua* (Arrowhead Spiketail)****Priority 3 Species of Greatest Conservation Need (SGCN)****Class:** *Insecta* (Insects)**Order:** *Odonata* (Dragonflies And Damselflies)**Family:** *Cordulegastridae* (Spiketails)**General comments:**

Only 13 sites; specialized headwater habitat vulnerable

**Species Conservation Range Maps for Arrowhead Spiketail:**Town Map: [Cordulegaster obliqua\\_Towns.pdf](#)Subwatershed Map: [Cordulegaster obliqua\\_HUC12.pdf](#)**SGCN Priority Ranking - Designation Criteria:****Risk of Extirpation: NA****State Special Concern or NMFS Species of Concern:***Cordulegaster obliqua* is listed as a species of Special Concern in Maine.**Recent Significant Declines: NA****Regional Endemic: NA****High Regional Conservation Priority:****Northeast Odonate Conservation Assessment:**

Vulnerability: Moderate, Responsibility: Significant

Notes: High relative taxonomic distinctiveness index (&gt; 0.15)

**High Climate Change Vulnerability: NA****Understudied rare taxa: NA****Historical: NA****Culturally Significant: NA****Professional Discretion:**Current criteria ranked *Cordulegaster obliqua* as SGCN priority 2, however, species should be SGCN priority 3 based on professional discretion.

Justification: Only 13 sites; specialized headwater habitat vulnerable

**Habitats Assigned to Arrowhead Spiketail:**

<b>Formation Name</b>	<b>Boreal Upland Forest</b>
<b>Macrogroup Name</b>	<b>Boreal Upland Forest</b>
<b>Formation Name</b>	<b>Freshwater Aquatic</b>
<b>Macrogroup Name</b>	<b>Rivers and Streams</b>
<b>Habitat System Name:</b>	Headwaters and Creeks <b>**Primary Habitat**</b> <b>Notes:</b> <i>primary; headwater streams</i>
<b>Formation Name</b>	<b>Northeastern Upland Forest</b>
<b>Macrogroup Name</b>	<b>Central Oak-Pine</b>
<b>Macrogroup Name</b>	<b>Northern Hardwood &amp; Conifer</b>

**Stressors Assigned to Arrowhead Spiketail:**

No Stressors Currently Assigned to Arrowhead Spiketail or other Priority 3 SGCN.

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No Species Specific Conservation Actions Currently Assigned to Arrowhead Spiketail or other Priority 3 SGCN.

**Conservation Actions Associated with the Riverine Odonates Guild:**

Conservation Action	Category: Research	Biological Priority: high	Type: new
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Prepare a statewide atlas and conservation assessment.

**Stressor(s) Addressed By This Conservation Action**

Lack of knowledge

**Broad Taxonomic Group Conservation Actions:**

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

**Habitat Based Conservation Actions:**

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

*The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.*